

Alternative Water Supply Funding Program

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sfwmd.gov

Today's Discussion

- Program Summary
- Overview & Approach
- FY2009 Program



Program Summary

(4th Year of New Program...)

FY2006	\$43.1 M	80 Projects	132 MGD
FY2007	\$40.5 M	62 Projects	65 MGD
FY2008	\$45.9 M	72 Projects	81 MGD

Actual Expenditures

- FY2006 burn rate = 86%
- FY2007 burn rate = 84%
- FY2008 - ongoing

MGD – million gallons per day



Statutory Definition of Alternative Water Supply



- Saltwater & brackish water
- Surface water captured during wet weather
- Sources made available through new storage
- Reclaimed water
- Stormwater (for consumptive use)
- Other nontraditional sources

Project Evaluation

- Statutory Factors
- Governing Board Requirements



Statutory Factors to Evaluate Projects

Give Significant weight to projects that:

1. Limit water resource impacts
2. Reduce competition for water
3. Help implement a MFL or reservation
4. Achieve goal-based water conservation targets
5. Favorably compare water quantity with project costs
6. Deliver reuse water
7. Are implemented by a multi-jurisdictional entity



Statutory Factors to Evaluate Projects

Other Factors:

8. Uniform rate for customers in a multi-jurisdictional entity
9. Percentage of costs provided by the water supplier or user
10. Can be implemented w/in time provided in water supply plan
11. Subsequent phase of project already underway
12. Percentage of utility revenues transferred to government general fund



Governing Board Requirements

1. Consistency with Water Supply Plan
2. Ready to construct during fiscal year
3. Public education



Funding Approach

- Cost-share funding guidelines
 - Implemented in FY2007
 - Based on water made available
 - Provides equity among projects



Recommended SFWMD Alternative Water Supply Program Cost-Share Funding Guidelines

Reclaimed Water Production Facilities for Irrigation Quality (typically includes filters, disinfection, pumping)

	Cost (\$)									
Water Made Available	1 MGD	2 MGD	3 MGD	4 MGD	5 MGD	6 MGD	7 MGD	8 MGD	9 MGD	10 MGD
Recommended Funding	\$600,000	\$900,000	\$1,200,000	\$1,500,000	\$1,800,000	\$2,100,000	\$2,400,000	\$2,700,000	\$3,000,000	\$3,300,000
Water Made Available	11 MGD	12 MGD	13 MGD	14 MGD	15 MGD	16 MGD	17 MGD	18 MGD	19 MGD	20 MGD
Recommended Funding	\$3,600,000	\$3,900,000	\$4,200,000	\$4,500,000	\$4,800,000	\$5,100,000	\$5,400,000	\$5,700,000	\$6,000,000	\$6,300,000

Reclaimed Water Transmission/Distribution Projects

Up to 40 percent of estimated project cost

Brackish Water Production Facilities

(typically includes RO plant, production wells, raw water pumping and transmission mains, and disposal of concentrate)

	Cost (\$)									
Water Made Available	1 MGD	2 MGD	3 MGD	4 MGD	5 MGD	6 MGD	7 MGD	8 MGD	9 MGD	10 MGD
Recommended Funding	\$900,000	\$1,400,000	\$1,900,000	\$2,400,000	\$2,900,000	\$3,300,000	\$3,700,000	\$4,100,000	\$4,500,000	\$4,900,000
Water Made Available	11 MGD	12 MGD	13 MGD	14 MGD	15 MGD	16 MGD	17 MGD	18 MGD	19 MGD	20 MGD
Recommended Funding	\$5,300,000	\$5,700,000	\$6,100,000	\$6,500,000	\$6,900,000	\$7,300,000	\$7,700,000	\$8,100,000	\$8,500,000	\$8,900,000

Aquifer Storage and Recovery (ASR) Well Systems

(typically includes well, wellhead, pumping, monitoring well)

	Cost (\$)				
Water Made Available	1 MGD	2 MGD	3 MGD	4 MGD	5 MGD
Recommended Funding	\$500,000	\$800,000	\$1,100,000	\$1,400,000	\$1,700,000

Funding Approach (cont'd.)



- Account for previous funding
- 25% funding reduction of work not completed in prior years
- Higher levels of funding for:
 - Economically disadvantaged communities
 - Special merit projects

FY2009 Program

- **March** **Kick-off Video Conference**
- **April/May** **Working meetings at Service Centers**
- **June 2** **Application Deadline**
- **July** **WRAC Meeting**
- **September** **Governing Board Presentation**
- **October 1** **FY09 Projects begin implementation**



Funding of Private Entity Projects



- Statutory definition includes both public and private users
- Program focused on resource benefits, not type of applicant
- Benefits extend beyond property boundaries
- 33 private entity projects funded since FY2006
 - 10 Private Utilities, 10 Agricultural, 13 Homeowner Associations/Golf Courses
 - 74 MGD made available

State Funding



- \$15.6M (statutory minimum)
- Governor's FY2009 proposed budget - \$18M to SFWMD



Governing Board Direction for FY2009

- Consistency with Water Supply Plan
- Ready to construct during fiscal year
- Public education

